

01/24/02  
JC887 U.S. PTO

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01-28-02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	UNMC-84090
First Inventor	Ji Zhang
Title	Methods and System for alysis and Visualization of Multidimen...
Express Mail Label No.	EL854677613US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231				
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)				
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
3. <input checked="" type="checkbox"/> Specification [Total Pages <input ]<br="" type="text" value="56"/> (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies				
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input ]<="" td="" type="text" value="24"/> <td><b>ACCOMPANYING APPLICATION PARTS</b></td>	<b>ACCOMPANYING APPLICATION PARTS</b>				
5. Oath or Declaration [Total Pages <input ]<br="" type="text" value="1"/> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	17. <input checked="" type="checkbox"/> Other: Unexecuted Declaration and Power of Attorney and Assignment documents				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ / _____ Prior application information: Examiner _____ Group / Art Unit _____ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
<b>19. CORRESPONDENCE ADDRESS</b>					
<input type="checkbox"/> Customer Number or Bar Code Label <input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)					
Name	Shannon L. Nebolsky WELSH & KATZ, LTD.				
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Name (Print/Type)	Shannon L. Nebolsky	Registration No. (Attorney/Agent)	41,217
Signature		Date	January 24, 2002

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	New Patent Application
Filing Date	January 24, 2002
First Named Inventor	Ji Zhang
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	UNMC-84090

**TOTAL AMOUNT OF PAYMENT****\$500.00****METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

23-0920

Deposit Account Name

Welsh &amp; Katz, Ltd.

- ☒
- Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☒
- Applicant claims small entity status. See 37 CFR § 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

101 740 201 370 Utility filing fee

Fee Paid

370.00

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

SUBTOTAL (1)

\$370.00

**2. EXTRA CLAIM FEES**

Total Claims 10 -20\*\* = 0 X 9.00 = 0.00

Independent Claims 2 -3\*\* = 0 X 42.00 = 0.00

Multiple Dependent =

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 \*\* Reissue independent claims over original patent

110 18 210 9 \*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\$0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

105 130 205 65 Surcharge - late filing fee or oath

127 50 227 25 Surcharge - late provisional filing fee or cover sheet

139 130 139 130 Non - English specification

147 2,520 147 2,520 For filing a request for *ex parte* reexamination

112 920\* 112 920\* Requesting publication of SIR prior to Examiner action

113 1,840\* 113 1,840\* Requesting publication of SIR after Examiner action

115 110 215 55 Extension for reply within first month

116 400 216 200 Extension for reply within second month

117 920 217 460 Extension for reply within third month

118 1,440 218 720 Extension for reply within fourth month

128 1,960 228 980 Extension for reply within fifth month

119 320 219 160 Notice of Appeal

120 320 220 160 Filing a brief in support of an appeal

121 280 221 140 Request for oral hearing

138 1,510 138 1,510 Petition to institute a public use proceeding

140 110 240 55 Petition to revive - unavoidable

141 1,280 241 640 Petition to revive - unintentional

142 1,280 242 640 Utility issue fee (or reissue)

143 460 243 230 Design issue fee

144 620 244 310 Plant issue fee

122 130 122 130 Petitions to the Commissioner

123 50 123 50 Processing fee under 37 CFR § 1.17(q)

126 180 126 180 Submission of Information Disclosure Statement

581 40 581 40 Recording each patent assignment per property (times number of properties)

146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))

149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))

179 740 279 370 Request for Continued Examination (RCE)

169 900 169 900 Request for expedited examination of a design application

Other fee (specify) Petition under 37 C.F.R. 1.84(a)(2)

130.00

SUBTOTAL (3)

\$130.00

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Name (Print/Type) Shannon L. Nebolsky, Esq.

Registration No. (Attorney/Agent)

41,217

**Complete (if applicable)**

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(312) 655-1500

Signature

Shannon L. Nebolsky

Date

January 24, 2002

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The PTO did not receive the following listed item(s) check # 370

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Ji Zhang and Li Xiao

Docket No.

84090

Serial No.

Not yet assigned

Filing Date

January 24, 2002

Examiner

Not yet assigned

Group Art Unit

Not yet assigned

Invention: METHOD AND SYSTEM FOR ANALYSIS AND VISUALIZATION OF MULTIDIMENSIONAL DATA

I hereby certify that this Utility Patent Appln, Transmittal Ltr, its stated encls and Preliminary Amendment  
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C..

20231-0001 on January 24, 2002  
(Date)

James Cato

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

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